

Roster of Astronomy Departments with Enrollment and Degree Data, 2014

Results from the 2014 Survey of Enrollments and Degrees

Starr Nicholson and Patrick J. Mulvey

Undergraduate astronomy enrollments in the US continue to rise with junior and senior level enrollments exceeding the previous year's all-time high. The increasing undergraduate enrollments have produced 428 bachelor's in the 2013-14 academic year, also an all-time high. Undergraduate astronomy degree production will continue to rise given the increases seen in undergraduate enrollments. The first-year graduate student enrollments for fall 2014 were similar to the previous year with 187 students enrolled. The number of astronomy PhDs awarded has remained relatively unchanged in recent years, with 147 astronomy PhDs conferred in the class of 2014.

Total Astronomy Degrees Academic Year 2013-2014	
Bachelor's	428
Exiting Master's	28
PhDs	147

Total Astronomy Enrollments Fall 2014	
Juniors	561
Seniors	780
1 st Yr Grad	187
Total Grad	1,108

Number of Departments by Highest Degree Offered Academic Year 2013-2014	
Bachelor's	38
Master's	3
PhD	40
Total Departments	81

This roster contains detailed data from the annual Survey of Enrollments and Degrees. The survey was conducted in the fall of 2014 and includes all degree-granting astronomy departments in the United States.

All but 5 of the 81 degree-granting astronomy departments contributed to the data supplied in this year's roster (94%). Thirty-eight are stand-alone astronomy departments and the remaining 43 are combined physics and astronomy departments. The totals above include data from the 76 responding departments as well as estimated data for the 5 non-responding departments.

Trend in astronomy enrollments and degrees, academic years 2003 to 2015.							
Academic Year	Number of astronomy degrees			Undergraduate astronomy major enrollments		Graduate astronomy student enrollments	
	Bachelor's	Exiting Master's	PhD's	Juniors	Seniors	1 st -year	Total
2003-04	316	27	116	441	540	218	966
2004-05	343	27	91	437	584	212	999
2005-06	351	30	119	511	565	188	1,026
2006-07	336	18	125	379	569	206	1,077
2007-08	327	36	161	364	536	193	1,081
2008-09	322	29	141	388	515	215	1,065
2009-10	382	23	156	382	605	193	1,083
2010-11	408	47	160	450	637	202	1,156
2011-12	385	35	152	487	666	224	1,122
2012-13	386	35	155	484	694	233	1,134
2013-14	428	28	147	530	711	183	1,118
2014-15				561	780	187	1,108

Notations used in this roster:

<i>m</i>	Master's is the department's highest astronomy degree (N=3).
<i>p</i>	PhD is the department's highest astronomy degree (N=40).
<i>s</i>	The astronomy department is administered separately from the physics department (N=38).
<i>c</i>	This is a <u>combined</u> department, offering degrees in both astronomy and physics (N=43). Data concerning the physics portion of their program can be found in the "Roster of Physics Departments, 2014".
GRADUATE ONLY	Department has no undergraduate program in astronomy (N=9).
FIRST YEAR	This column includes graduate students who were new to the department in the fall of 2014 as well as students who entered the department in the previous winter, spring and summer.
EXITING MASTER'S	This column reflects the number of students who left the department with a master's degree.
FIRST TERM INTRODUCTORY COURSE ENROLLMENTS	The introductory course enrollment totals listed for each department represent the number of students who took their first term of introductory level astronomy. Departments were instructed not to include enrollments for courses that were a continuation of a sequence.
—	Data for this field were not provided.

INSTITUTION	DEPT TYPE	2013-14 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2014 UNDERGRADUATE MAJORS			FALL 2014 GRADUATE STUDENTS			2013-14 ASTRONOMY DEGREES		
			JR	SR	TOTAL	FOREIGN	FIRST YEAR	BACHELOR'S	EXISTING MASTER'S	PHDS	
ARIZONA											
p Arizona State U (Astrophys)	s										
p Arizona-U of	s	1410	15	22	36	10	8	7	2	6	
p Arizona-U of (Planetary)	s										
Embry-Riddle Aeronautical U	c	31	0	0				0			
Northern Arizona U	c	272	21	37				11			
CALIFORNIA											
p CA Inst of Tech	s										
p CA-U of, Berkeley	s	1509	15	40	25	2	3	36	1	6	
p CA-U of, Los Angeles	c	1519	17	25	28	4	11	14	1	5	
p CA-U of, Santa Cruz	s										
GRADUATE ONLY											
m San Diego State U	s	905	11	8	12	1	4	1	3		
Southern CA-U of (USC)	c	526	1	1				0			
COLORADO											
p CO-U of, Boulder	s	1588	70	90	52	4	7	42	0	4	
CONNECTICUT											
Connecticut Coll	c	91	0	0				0			
m Wesleyan U	s	327	2	5	5	1	2	1	2		
p Yale U	s	307	5	7	28	4	9	2	0	3	
FLORIDA											
Embry-Riddle Aeronautical U	c	18	9	6				3			
p Florida Inst of Tech	c	112	11	22	22	3	7	17	1	3	
p Florida-U of	s	1337	10	17	31	15	4	2	1	2	
GEORGIA											
Agnes Scott Coll	c	52	1	1				1			
p Georgia State U	c	1355			GRADUATE ONLY	27	3	7	0	4	
Valdosta State U	c	428	2	4				0			
HAWAII											
Hawaii-U of, Hilo	c	107	6	10				6			
p Hawaii-U of, at Manoa	c	183			GRADUATE ONLY	34	10	3	2	6	
ILLINOIS											
p Chicago-U of	s				GRADUATE ONLY	28	12	4	0	4	
p Illinois-U of, Urbana	s	2451	12	11	22	10	2	8	1	6	
INDIANA											
p Indiana U-Bloomington	s	2108	7	5	19	0	4	3	0	3	
IOWA											
Drake U	c				DATA NOT PROVIDED						
p Iowa State U	c	167			GRADUATE ONLY	7	1	0	0	1	
m Iowa-U of	c	519	5	11	10	0	1	8	1		
KANSAS											
Benedictine Coll	c	72	1	2				1			
Kansas-U of	c	254	6	9				3			
MARYLAND											
p Johns Hopkins U	c				GRADUATE ONLY	48	15	7	0	5	
p MD-U of, College Park	s	762	11	27	38	11	6	15	1	5	
MASSACHUSETTS											
p Boston U	s	806	10	15	34	6	6	12	1	2	
p Harvard U	s	66	11	15	60	22	7	5	0	7	
p MA-U of, Amherst	s	1195	21	22	20	9	1	9	2	3	
Mount Holyoke Coll	s	235	1	2				1			
Smith Coll	s	109	3	4				4			
p Tufts U	c	268	0	0	0	0	0	0	0	0	
Wellesley Coll	s	179	6	5				3			
Williams Coll	s	56	3	2				5			
MICHIGAN											
p Michigan State U	c	129	25	16	12	0	2	7	0	0	
p Michigan-U of	s	2502	10	16	23	3	4	13	0	5	
Wayne St U	c	1142	2	3				0			

INSTITUTION	DEPT TYPE	2013-14 FIRST-TERM INTRODUCTORY ASTRO COURSE ENROLLMENTS	FALL 2014 UNDERGRADUATE MAJORS			FALL 2014 GRADUATE STUDENTS			2013-14 ASTRONOMY DEGREES		
			JR	SR	TOTAL	FOREIGN	FIRST YEAR	BACHELOR'S	EXISTING MASTER'S	PHDS	
MINNESOTA											
Minnesota St U-Mankato	c	672	—	1				1			
p Minnesota-U of	s	1160	11	36	21	4	6	15	2	2	
NEW HAMPSHIRE								2			
Dartmouth Coll	c	301	2	0							
NEW JERSEY											
p Princeton U	s	213	11	5	26	15	4	4	0	4	
p Princeton U-Forrestal Campus	s			GRADUATE ONLY		35	12	6	0	10	
NEW MEXICO											
p New Mexico State U	s			GRADUATE ONLY		30	0	6	0	3	
NEW YORK											
Barnard Coll	c	100	0	1				1			
Colgate U	c	161	5	6				4			
p Columbia U	s	348	13	9	28	8	4	6	0	7	
p Cornell U	s	388	5	1	30	4	7	0	0	4	
Rochester-U of	c	149	3	3				7			
SUNY Coll at New Paltz	c	410	5	5				0			
SUNY-Stony Brook	c	511	8	17				6			
Union Coll	c	58	0	0				1			
Vassar Coll	c	137	2	6				4			
OHIO											
p Case Western Reserve U	s	184	8	1	5	1	2	5	3	0	
p Ohio State U	s	1674	17	22	23	3	5	7	0	7	
Ohio Wesleyan U	c	92	2	2				0			
Toledo-U of	c	—	6	6				0			
Youngstown State U	c	521	5	2				1			
OKLAHOMA											
Oklahoma-U of	c				DATA NOT PROVIDED						
PENNSYLVANIA											
Haverford Coll	c	11	2	5				5			
Lycoming Coll	c	150	5	1				2			
p Pennsylvania St U	s	4160	12	26	36	6	2	14	2	5	
p Pittsburgh-U of	c	954	3	0	*	*	*	3	0	0	
Swarthmore Coll	c	50	1	5				0			
Villanova U	s	170	3	7				4			
SOUTH CAROLINA											
Charleston-Coll of	c	530	12	8				3			
TEXAS											
p Rice U	c	167	2	8	2	1	0	5	0	0	
p Texas-U of, Austin	s	2124	16	43	37	9	5	16	0	5	
VERMONT											
Marlboro Coll	c				DATA NOT PROVIDED						
VIRGINIA											
George Mason U	c	1382	6	5				1			
p Virginia-U of	s	1741	10	19	32	9	6	5	1	5	
WASHINGTON											
p Washington-U of	s	1952	16	29	30	3	4	27	0	1	
Whitman Coll	s	160	4	6				6			
WISCONSIN											
p Wisconsin-U of, Madison	s	874	15	15	27	3	3	15	0	4	
WYOMING								6			
Wyoming-U of	c	266	5	5							

* U of Pittsburgh - Astronomy graduate enrollment data are incorporated into their physics graduate enrollments listed in the physics roster.